

Washington Aqueduct

Description	FY 2002 Approved	FY 2003 Proposed	% Change
Operating Budget	\$46,510,000	\$57,847,000	24.4

The mission of the Washington Aqueduct is to collect, purify, and pump an adequate supply of potable water for the District of Columbia, Arlington County, and the city of Falls Church, Virginia.

There are no District full-time equivalent (FTEs) positions supported by this budget.

The agency plans to fulfill its mission by achieving the following strategic results goals:

- Provide potable water at an equitable, economical rate that covers all costs.
- Protect drinking water and consumers from microbial risk and from harmful chemicals in the drinking water.
- Provide an adequate supply of potable water.

Did you know...

Estimated cost of service per million gallons in FY 2001*	\$486.16
Number of lab analyses in FY 2001	29,000
Maximum daily pumpage (millions of gallons) in FY 2001	169.6

*Net of early debt retirement and pay-as-you-go capital financing.

Where the Money Comes From

Table LB0-1 shows the source(s) of funding for Washington Aqueduct.

Table LB0-1

FY 2003 Proposed Operating Budget, by Revenue Type

(dollars in thousands)

	*Actual FY 2000	Actual FY 2001	Approved FY 2002	Proposed FY 2003	Change From FY 2002
Other	0	0	46,510	57,847	11,337
Gross Funds	0	0	46,510	57,847	11,337

*Note: The budgeted revenues and expenditures are shown for the purpose of reporting. However, as a proprietary fund, under the current financial accounting structure the agency's actual revenues and expenditures are not tracked in the District's System of Accounting and Reporting (SOAR). This applies to Tables 1 and 2.

How the Money is Allocated

Table LB0-2 shows the FY 2003 proposed budget for the agency at the Comptroller Source Group level (Object Class level).

Table LB0-2

FY 2003 Proposed Operating Budget, by Comptroller Source Group

(dollars in thousands)

	Actual FY 2000	Actual FY 2001	Approved FY 2002	Proposed FY 2003	Change from FY 2002
Subsidies and Transfers	0	0	46,510	57,847	11,337
<i>Non-personal Services</i>	<i>0</i>	<i>0</i>	<i>46,510</i>	<i>57,847</i>	<i>11,337</i>
Total Proposed Operating Budget	0	0	46,510	57,847	11,337

Other Funds

The proposed Other revenue expenditure budget is \$57,847,000, an increase of \$11,337,000, or 24.4 percent, over the FY 2002 approved budget of \$46,510,000. There are no District full-time equivalent positions supported by this budget. The significant changes over the FY 2002 approved budget are:

- An increase of \$2,750,000 in pay-as-you-go capital funding for planned renovation of existing plant facilities.
- An increase of \$7,171,603 in additional debt service payments based on the Washington Aqueduct's commitment to prepay Treasury Loan borrowings made in FY 2002.
- An increase of \$1,415,397 for ongoing operations and maintenance costs.

Programs

Operations Water Distribution

The Washington Aqueduct owns and operates intake facilities on the Potomac River in Great Falls and Little Falls, Maryland. The Aqueduct also owns and operates two 12-mile long gravity conduit systems with a combined 200 million gallon per day (mgd) capacity, a 450 mgd raw water pumping station, a 480 mgd finished water pumping station, two major treatment plants with 400 mgd capacity, three booster pumping stations, seven finished storage reservoirs, and many large diameter transmission mains.

The District of Columbia Water and Sewer Authority (WASA) funds the District's portion of the costs of the Washington Aqueduct. WASA purchases potable water using its supplies budget, making monthly payments to the Washington Aqueduct based on the number of gallons delivered. The Aqueduct charges a rate based on water sales agreements with the District of Columbia and Northern Virginia. The District of Columbia, Arlington County, and the city of Falls Church, Virginia are responsible for water distribution.

The Washington Aqueduct is a division of the U.S. Army Corps of Engineers and does not receive Local funding. Moreover, the U.S. Army Corps of Engineers is prohibited from using local funds to operate the water supply system. As a federal entity, the Aqueduct depends on Congress to authorize the agency's operations. The agency submits a budget to the District of Columbia, in accordance with legislation, to obtain this authority.

Agency Goals and Performance Measures

Goal 1: Provide an adequate supply of potable water.

Citywide Strategic Priority Areas: Building and Sustaining Healthy Neighborhoods; Making Government Work

Manager: Thomas P. Jacobus, Chief, Washington Aqueduct, U.S. Army Corps of Engineers

Supervisor: Thomas P. Jacobus, Chief, Washington Aqueduct, U.S. Army Corps of Engineers

Measure 1.1: Amount of water pumped annually (billions of gallons)

	2000	2001	Fiscal Year 2002	2003	2004
Target	65.2	66.2	64.4	64.9	63.9
Actual	63.5	64.2	-	-	-

Measure 1.2: Average amount of water pumped per day to the District of Columbia (millions of gallons)

	2000	2001	Fiscal Year 2002	2003	2004
Target	135	136	135	136	134
Actual	133	134	-	-	-

Measure 1.3: Average amount of water pumped per day to Arlington, Virginia (millions of gallons)

	2000	2001	Fiscal Year 2002	2003	2004
Target	27	27	26	26	26
Actual	26	26	-	-	-

Measure 1.4: Average amount of water pumped per day to Falls Church, Virginia (millions of gallons)

	2000	2001	Fiscal Year 2002	2003	2004
Target	16	15	16	16	15
Actual	15	16	-	-	-

Goal 2: Provide potable water at an equitable, economical rate that covers all costs.

Citywide Strategic Priority Areas: Building and Sustaining Healthy Neighborhoods; Making Government Work

Manager: Thomas P. Jacobus, Chief, Washington Aqueduct, U.S. Army Corps of Engineers

Supervisor: Thomas P. Jacobus, Chief, Washington Aqueduct, U.S. Army Corps of Engineers

Measure 2.1: Cost per million gallons of pumped water for the District of Columbia (dollars)

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	549	588	573	591	720
Actual	486	551	-	-	-

Note: Actual figures from FY 1999 and FY 2000 do not reflect DC Treasury Loan prepayment; FY 2000 actual figure is an estimate. FY 2004 includes debt service cost, which is not included in recent previous years due to repayments.

Measure 2.2: Amount of revenue collected from the District of Columbia (millions of dollars)

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	33.1	33.2	34	33.6	35.1
Actual	24.9	25.3	-	-	-

Note: FY 1999 and FY 2000 do not reflect DC Treasury Loan prepayment.

Measure 2.3: Amount of revenue collected from Arlington, Virginia (millions of dollars)

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	6.4	7	7.5	7.3	8.6
Actual	5.1	5.8	-	-	-

Measure 2.4: Amount of revenue collected from Falls Church, Virginia (thousands of dollars)

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	4070	4386	4992	4849	4888
Actual	3625	3374	-	-	-

Goal 3: Protect the drinking water consumer from both microbial risk and adverse health effects due to chemicals in the drinking water, as well as provide laboratory support to WASA.

Citywide Strategic Priority Areas: Building and Sustaining Healthy Neighborhoods; Making Government Work

Manager: Thomas P. Jacobus, Chief, Washington Aqueduct, U.S. Army Corps of Engineers

Supervisor: Thomas P. Jacobus, Chief, Washington Aqueduct, U.S. Army Corps of Engineers

Measure 3.1: Number of Microbiological samples collected and analyzed within the DC water distribution system

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	2920	3200	3200	3200	3200
Actual	3063	2889	-	-	-

Measure 3.2: Number of chemical substances investigated for presence in the water supply system wide

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	170	178	178	181	181
Actual	168	180	-	-	-

Measure 3.3: Number of lead and copper tests performed for the District of Columbia at the request of WASA

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	250	55	250	250	250
Actual	140	250	-	-	-

Note: The Lead and Copper Rule requires reduced monitoring for three years (2000-02). If the system is in compliance after three years, monitoring will be required only once every three years. Thus, monitoring may not be required for 2003.

Measure 3.4: Number of THM/HAA samples collected and analyzed for the District of Columbia at the request of WASA

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	160	160	160	328	160
Actual	160	160	-	-	-

Measure 3.5: Number of inorganic samples analyzed for the District of Columbia at the request of WASA

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	225	350	350	350	350
Actual	240	365	-	-	-

Measure 3.6: Percentage of samples in compliance with regulatory limits system wide

	2000	Fiscal Year		2003	2004
		2001	2002		
Target	100	100	100	100	100
Actual	100	100	-	-	-